

Appl. No. 10/804,918

Amdt. After Final under 37 C.F.R. §1.116 Dated June 21, 2006

Reply to Office Action Made Final dated March 21, 2006

Amendments to the Claims:

Claims 1 to 3 (cancelled)

Claim 4 (Currently Amended): ~~A~~ The method for registering multiple communication devices in a Session Initiation Protocol (SIP) based communication system comprising as claimed in claim 3, wherein there is further included the steps of:

identifying a communication device for registration by a user for providing an identified communication device;

setting a registration time of the identified communication device for registering the identified communication device of the user;

selecting an expiration registration time corresponding to the identified communication device and based upon a type of the identified communication device; and

storing the identified communication device, the registration time and the expiration registration time in an entry in a ~~the~~ database corresponding to the identified communication device.

Claims 5 and 6 (cancelled)

Claim 7 (currently amended): The method for registering multiple communication devices as claimed in claim ~~5~~ 4, wherein ~~there is further included a~~ the step of setting a registration time of the identified communication device includes the step of selecting a

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registration time of the identified communication device by the communication system for the database corresponding in response to the identified communication device.

Claim 8 (canceled)

Claim 9 (currently amended): The method for registering multiple communication devices as claimed in claim 8 ~~4~~, ~~wherein there is further included~~ the step of selecting an expiration registration time corresponding to the identified communication device includes the a step of selecting the expiration registration time based for a first type of identified communication device to be a first value.

Claim 10 (original): The method for registering multiple communication devices as claimed in claim 9, wherein:

the first type of identified communication device is a computer; and

the first value is approximately 1 hour.

Claim 11 (currently amended): The method for registering multiple communication devices as claimed in claim 9, wherein ~~there is~~ the step of selecting an expiration registration time corresponding to the identified communication device further includes the ~~included a~~ step of selecting the expiration registration time based ~~of a second value~~ for a second type of identified communication device to be a second value, said second value being greater than the first value.

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Claim 12 (original): The method for registering multiple communication devices as claimed in claim 11, wherein:

the second type of identified communication device is a mobile station; and

the second value of expiration registration time is approximately 10 hours.

Claim 13 (currently amended): The method for registering multiple communication devices as claimed in claim 11, wherein there is further included a step of selecting the priority of the identified communication device based upon one or more of the type of the identified communication device, a type of registration by the user of the identified communication device and the location of the identified communication device.

Claim 14 (currently amended): The method for registering multiple communication devices as claimed in claim 13, wherein there is further included the steps of:

selecting a first priority based upon a location of a mobile station or based on a manual registration; and

selecting a second priority for an automatic registration or re-registration; and, wherein the first priority is higher than the second priority.

Claims 15 and 16 (canceled)

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Claim 17 (currently amended): A method for expediting a call to a registered user of multiple communication devices in a Session Initiation Protocol (SIP) based communication system comprising the steps of:

receiving by a network a call to the registered user in the SIP based communication system;

accessing an entry of a database for the registered user;

selecting by the network a device description having a highest priority and a most recent registration time in the entry of the database; and

coupling the expedited call to a communication device of the multiple communication devices having the highest priority and the most recent registration time.

18. (original) The method for expediting a call as claimed in claim 17, wherein there is further included steps of:

for the registered user, determining from the database whether a registration expiration timer has expired; and

if the registration expiration timer has expired, discarding by the network a corresponding entries in the database.

19. (currently amended) The method for expediting a call as claimed in claim ~~18~~ 17, wherein ~~there is further~~ the step of selecting a device description by the network ~~included~~ includes the steps of:

determining by the network whether there is more than one communication device of the registered user having the highest priority; and

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if there is not more than one communication device having the highest priority, sending by the network the call to the communication device having the highest priority; and

if there is more than one communication device with the highest priority, selecting by the network a communication device from the database having a most recent registration time and sending by the network the call to the communication device having the highest priority and the most recent registration time.

Claims 20 to 25 (canceled)

Claim 26 (new): The method for registering multiple communication devices as claimed in claim 4, wherein there is further included the steps of:

setting a priority for the identified communication device in the SIP based communication system; and

storing the identified communication device and the priority corresponding to the communication device in the database.

Claim 27 (new): The method for registering multiple communication devices as claimed in claim 26, wherein the step of setting a priority for the identified communication device includes the step of selecting the priority of the identified communication device based upon the type of the identified communication device.

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Claim 28 (new): The method for registering multiple communication devices as claimed in claim 27, wherein the step of selecting the priority of the identified communication device includes the steps of:

selecting a first priority based upon a location of a mobile station or based on a manual registration; and

selecting a second priority for an automatic registration or re-registration, wherein the first priority is higher than the second priority.

Claim 29 (new): The method for registering multiple communication devices as claimed in claim 4, wherein there is further included the steps of:

receiving by the communication system an internet protocol (IP) address from the identified communication device; and

storing the IP address in an entry in the database corresponding to the identified communication device.

Claim 30 (new): The method for registering multiple communication devices as claimed in claim 29, wherein there is further included a step of determining by the communication system whether the identified communication device is currently registered.

Claim 31 (new): The method for registering multiple communication devices as claimed in claim 30, wherein if the identified communication device is currently registered, there is further included the steps of:

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changing the IP address for the currently registered identified communication device;
and
storing the changed IP address in the entry of the identified communication device in the database.

Claim 32 (new): The method for registering multiple communication devices as claimed in claim 26, wherein there is further included a step of iterating for a plurality of the identified communication devices, the steps of:

- identifying a communication device;
- setting a registration time;
- selecting an expiration registration time;
- setting a priority; and
- storing the identified communication device identity, the registration time, the expiration registration time and the priority.

Claim 33 (new): A method for registering multiple communication devices in a Session Initiation Protocol (SIP) based communication system comprising the steps of:

- identifying a communication device for registration by a user for providing an identified communication device;
- selecting a priority of the identified communication device based upon one or more of the type of the identified communication device, the type of registration by the user of the identified communication device and the location of the identified communication device;

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storing the identified communication device and the priority in an entry in the database corresponding to the identified communication device.

Claim 34 (new): The method for registering multiple communication devices as claimed in claim 33, wherein there is further included the steps of:

selecting a first priority based upon a location of a mobile station or based on a manual registration; and

selecting a second priority for an automatic registration or re-registration, wherein the first priority is higher than the second priority.

Claim 35 (new): The method for registering multiple communication devices as claimed in claim 3, wherein there is further included the steps of:

setting a registration time of the identified communication device for registering the identified communication device of the user; and

selecting an expiration registration time corresponding to the identified communication device and based upon a type of identified communication device, and

wherein the storing step comprises the step of storing the identified communication device, the priority, the registration time and the expiration registration time in the entry in the database corresponding to the identified communication device.

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Claim Objections

I. CLAIM REJECTION UNDER 35 USC §102(e)

The Examiner has rejected Claims 1, 2, 21, 22 and 25 under 35 USC §102(e) as being anticipated by Shiga et al. (US 2004/0083282).

II. CLAIM REJECTION UNDER 35 USC § 103(a)

The Examiner has rejected Claims 3 to 16, 23 and 24 under 35 USC §103(a) as being unpatentable over Shiga et al. in view of Matsuzaki et al. (US 2004/0162870). The Examiner has rejected Claims 17 to 20 under 35 USC §103(a) as being unpatentable over Pepper et al. (US Patent No. 5,930,700) in view of Shiga et al.